ORM I	PTO-139 1-2000)	00 (Modified) U.S. DEPARTMENT	OF COMMERCE PATENT AND TRADEMARK OFF		
TRANSMITTAL LETTER TO THE UNITED STATES				442-136 PCT/US	
DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (IF KNOWN, SEE 37)					
CONCERNING A FILING UNDER 35 U.S.C. 371 10/070454					
NTERNATIONAL APPLICATION NO. PCT/EP01/06997			INTERNATIONAL FILING DATE June 21, 2001	PRIORITY DATE CLAIMED July 7, 2000	
TITLE	OF I	NVENTION	A CHARA PROPINCING PETIC		
		•	VACUUM PRODUCING DEVIC	E.	
APPLICANT(S) FOR DO/EO/US Jurgen SCHNATTERER; Gunter GEBAUER					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.			
4.5.	\boxtimes	The US has been elected by the expiration of 19 months from the priority date (Article 31).			
ື້ 5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))			
me Pag		a. \square is attached hereto (required only if not communicated by the International Bureau).			
100 100 100		b. 🛮 has been communicated by the International Bureau.			
		c. \square is not required, as the application was filed in the United States Receiving Office (RO/US).			
-6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
f ett.		a. \(\times \) is attached hereto.			
	 b. □ has been previously submitted under 35 U.S.C. 154(d)(4). ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) 				
∄7. ∰				rticle 19 (35 U.S.C. 371 (c)(3))	
# ***		a. \square are attached hereto (required only if not communicated by the International Bureau).			
		b. \square have been communicated by the International Bureau.			
Ross Suff		c. \square have not been made; however, the time limit for making such amendments has NOT expired.			
d. 🛮 have not been made and will not be made.					
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	\boxtimes	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).			
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).			
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).			
12. A copy of the International Search Report (PCT/ISA/210).					
Items 13 to 20 below concern document(s) or information included:					
13.	\boxtimes	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
14.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
15.	\boxtimes	A FIRST preliminary amendment.			
16.		A SECOND or SUBSEQUENT preliminary amendment.			
17.	П	A substitute specification.			
18.		A change of power of attorney ar			
19.		•	•	T Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.	
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).			
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
22. 23.	⊠ ⊠	Certificate of Mailing by Express Mail Other items or information: EXPRESS MAIL CERTIFICATE March 6, 2002 Lobel No. EL 922101323 US			
<i>2</i> 3.	Z	I hereby certify that on the date indicated above, I deposited this paper or fee with the U.S. Postal Service			
			and that	t it was addressed for delivery to the Commissioner nts, Washington, DC 20231 by "EXPRESS MAIL,	
			Post Off	ice to Addressee Service. () (
			CAKL	A BRYAN CATA 15 rgan	

Page 1 of 2

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U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR. INTERNATIONAL APPLICATION NO ATTORNEY'S DOCKET NUMBER PCT/EP01/06997 442-136 PCT/US 24. The following fees are submitted:. CALCULATIONS PTO USE ONLY BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the ÉPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$890.00 Surcharge of \$130.00 for furnishing the oath or declaration later than \$0.00 months from the earliest claimed priority date (37 CFR 1.492 (e)). NUMBER FILED **CLAIMS** NUMBER EXTRA RATE \$0.00 0 \$18.00 Total claims 12 -20 =0 \$0.00 \$84.00 ndependent claims - 3 = \$0.00 Multiple Dependent Claims (check if applicable). \$890.00 TOTAL OF ABOVE CALCULATIONS Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2. \$0.00 **SUBTOTAL** \$890.00 Processing fee of \$130.00 for furnishing the English translation later than □ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). \$0.00 TOTAL NATIONAL FEE \$890.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). \boxtimes \$40.00 \$930.00 TOTAL FEES ENCLOSED Amount to be: refunded \$ \$ charged A check in the amount of \$930.00 \boxtimes to cover the above fees is enclosed. a. Please charge my Deposit Account No. in the amount of to cover the above fees. b. A duplicate copy of this sheet is enclosed. \mathbf{X} The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment c. to Deposit Account No. **08-2461** A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card đ. information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Anthony E. Bennett Charles R. Hoffmann NAME HOFFMANN & BARON, LLP 6900 Jericho Turnpike 40,910 Syosset, New York 11791 REGISTRATION NUMBER March 6, 2001

DATE